

AG. WATER QUALITY ACT



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TECHNICAL ASSISTANCE	FUNDING ASSISTANCE	IMPORTANT CONSIDERATIONS
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STORMWATER MANAGEMENT

LIVESTOCK BMP #18



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Description:

Divert rain water to keep it clean and reduce the volume of wastewater that must be managed. Appropriate practices for managing stormwater include but are not limited to: guttering buildings; underground outlets; vegetative filter strips (Livestock BMP #13); lined channels; detention /retention structures; and hardened structures such as rock-lined ditches, grade stabilization structures, and check dams, that divert stormwater away from the animal production and waste storage facilities and also prevent soil erosion associated with high storm runoff flows.

AWQA Minimum Requirements:

Divert clean water using gutters, downspouts, and/or other practices to minimize the volume of wastewater that must be managed. Construct and manage stormwater practices in a manner that does not cause further erosion.

Recommendations:

Stormwater runoff should be excluded from animals and animal waste (manure) areas to the fullest extent practical. See Farmstead BMP # 5 Water Harvesting for additional information about capturing stormwater for use on the farm.

<u>Technical References</u>	<u>Funding Assistance Options</u>	<u>Important Considerations</u>
<p>University Publications</p> <ul style="list-style-type: none">• AEN-130 Stormwater BMPs for Confined Livestock Facilities• AEN-135 Rainwater Harvesting for Livestock Production Systems <p>USDA/NRCS Publications</p> <ul style="list-style-type: none">• Practice Code 362 Diversion• Practice Code 558 Roof Runoff Structure• Practice Code 350 Sediment Basin• Practice Code 356 Dike• Practice Code 412 Grassed Waterway• Practice Code 393 Filter Strip• Practice Code 410 Grade Stabilization Structure• Practice Code 468 Lined Waterway or Outlet• Practice Code 587 Structure for Water Control• Practice Code 620 Underground Outlet• Practice Code 638 Water and Sediment Control Basin	<p>State Cost Share</p> <ul style="list-style-type: none">• See your local Conservation District to apply. <p>Kentucky Ag. Development Fund (KADB/KAFC)</p> <ul style="list-style-type: none">• Select from available program options here. <p>NRCS Environmental Quality Incentives Program (EQIP)</p> <ul style="list-style-type: none">• Select from available program options here.	<p>Water Quality Benefit (💧-💧💧💧💧): 💧💧💧</p> <p><u>Wildlife Benefits</u></p> <ul style="list-style-type: none">• Contact the Kentucky Department of Fish and Wildlife’s Habitat Improvement Program how to improve wildlife habitat with select BMPs (1-800-858-1549).